

APPENDIX C

Cost Estimate Summary

Hungry Hollow Reservoir

Upper San Joaquin River Basin Storage Investigation	
Cost Estimate	
HUNGRY HOLLOW	
267' high, 5,200' long, saddle dam 9 mi canal, 3 pump stns Tie to Friant Kern	
FIRST COST ITEMS	(2002 dollars)
DAMS Diversion Dam/Cofferdam	
Diversion Works/Tunnel	\$ 500,000
Main Dam	\$ 349,105,000
Spillway	\$ 5,225,000
Outlet Works	
SUBTOTAL	\$ 354,830,000
CONVEYANCE FACILITIES	
Power intake, tunnels & penstocks	\$ -
Diversion Tunnel	\$ -
Tunnel	
Canals/Pipelines	\$ 15,000,000
Pumping Stations	\$ 60,000,000
Regulating Reservoirs	\$ 10,000,000
SUBTOTAL	\$ 85,000,000
PERMANENT OPERATING EQUIPMENT	
Powerplants, generators & turbines	\$ -
Transmission Lines, switchyards, & substns.	\$ -
SUBTOTAL	\$ -
TOTAL, LISTED ITEMS (rounded)	\$ 439,800,000
UNLISTED ITEMS (15%; rounded)	\$ 66,000,000
TOTAL, CONSTRUCTION ITEMS (rounded)	\$ 506,000,000
CONTINGENCIES ON CONSTRUCTION (25%; rounded)	\$ 127,000,000
TOTAL, CONSTRUCTION COST	\$ 633,000,000
MITIGATION (5%; rounded)	\$ 32,000,000
TOTAL FIELD COSTS	\$ 665,000,000
INVESTIGATION, DESIGN, & CONSTRUCTION MNGMT (15%; rounded)	\$ 100,000,000
LAND	\$ 6,250,000
TOTAL PROJECT FIRST COST	\$ 771,250,000

Upper San Joaquin River Basin Storage Investigation	
Cost Estimate	
HUNGRY HOLLOW	
267' high, 5,200' long, saddle dam	
Success Tunnel	
FIRST COST ITEMS	(2002 dollars)
DAMS	
Diversion Dam/Cofferdam	\$ 500,000
Diversion Works/Tunnel	\$ 349,105,000
Main Dam	\$ 5,225,000
Spillway	
Outlet Works	
SUBTOTAL	\$ 354,830,000
CONVEYANCE FACILITIES	
Power intake, tunnels & penstocks	\$ -
Diversion Tunnel	\$ -
Tunnel	\$ 54,000,000
Canals/Pipelines	\$ 15,000,000
Pumping Stations	\$ 20,000,000
Regulating Reservoirs	
SUBTOTAL	\$ 89,000,000
PERMANENT OPERATING EQUIPMENT	
Powerplants, generators & turbines	\$ -
Transmission Lines, switchyards, & substns.	\$ -
SUBTOTAL	\$ -
TOTAL, LISTED ITEMS (rounded)	\$ 443,800,000
UNLISTED ITEMS (15%; rounded)	\$ 66,600,000
TOTAL, CONSTRUCTION ITEMS (rounded)	\$ 510,000,000
CONTINGENCIES ON CONSTRUCTION (25%; rounded)	\$ 128,000,000
TOTAL, CONSTRUCTION COST	\$ 638,000,000
MITIGATION (5%; rounded)	\$ 32,000,000
TOTAL FIELD COSTS	\$ 670,000,000
INVESTIGATION, DESIGN, & CONSTRUCTION MNGMT (15%; rounded)	\$ 101,000,000
LAND	\$ 6,250,000
TOTAL PROJECT FIRST COST	\$ 777,250,000